



EPIDEMIOLOGY & SURVEILLANCE

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Influenza Surveillance Report: Collin County MMWR Week 48 (November 29 – December 5, 2015) Influenza Report as of December 11, 2015

Overview

Collin County

- During MMWR week 48 influenza activity in Collin County increased slightly but remained low overall.
- 0.93% of patient visits were due to influenza-like illness (ILI).
- 16 laboratory confirmed cases were reported, 5.78% of the tests performed were positive this is increase in comparison to week 47 of 3.54%.
- 2.42% of absenteeism in Collin County Independent School Districts was due to ILI.
- No pediatric deaths were reported this week.
- No influenza outbreaks were reported this week.

Texas

- At the state level influenza activity increased slightly but remained low overall.
- The proportion of outpatient visits for ILI was 6.43%, which is slightly above baseline 6.3%.
- No pediatric deaths were reported this week.
- No influenza outbreaks were reported this week.

United States

- Influenza activity increased slightly in the United States but remained low overall.
- The proportion of outpatient visits for ILI was 1.8%, which is below the national baseline of 2.1%.
- One pediatric death was reported this week.
- No influenza outbreaks were reported this week.

Influenza Activity

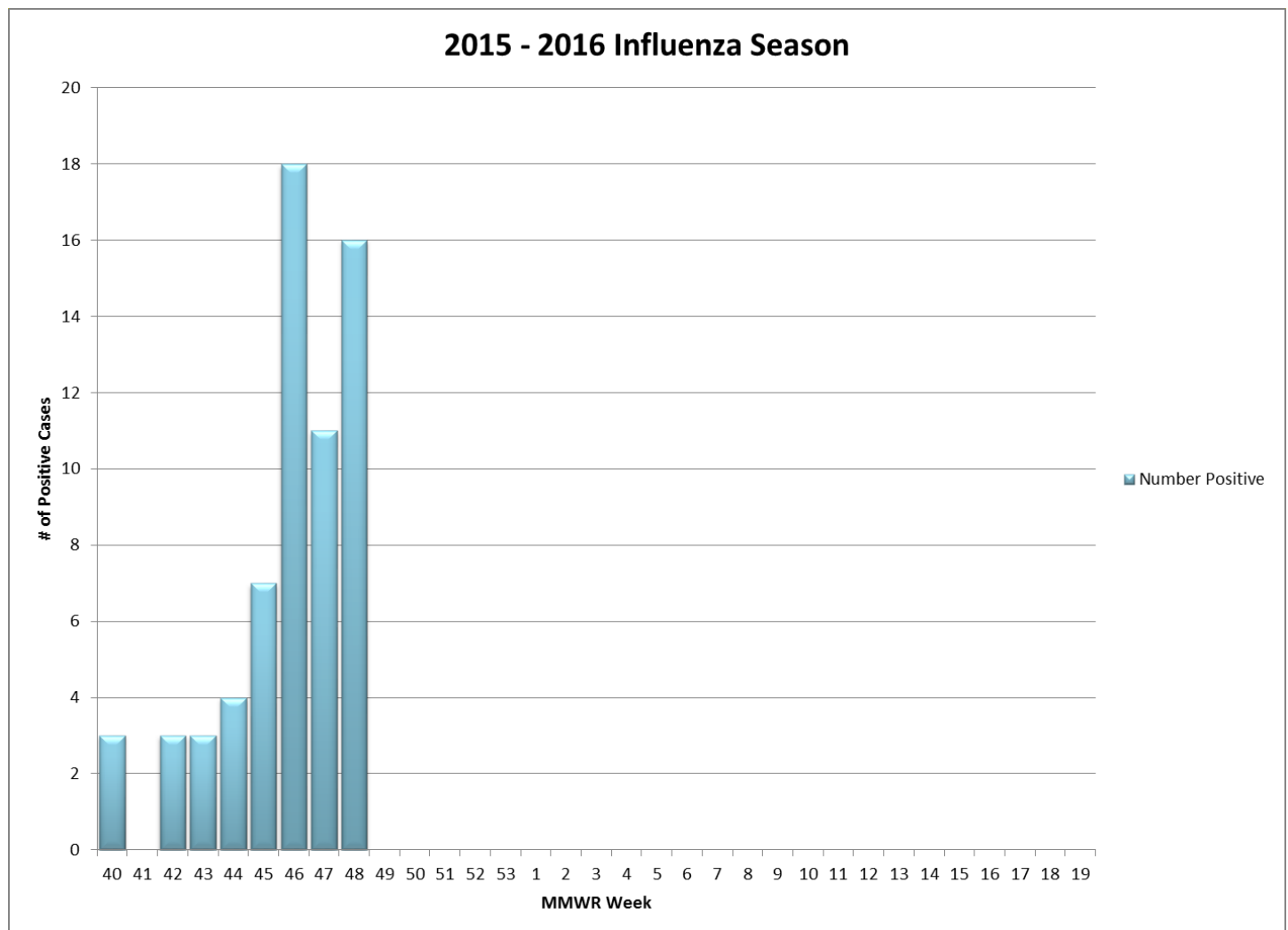
The following tables demonstrate the number of individuals who were tested by their healthcare provider for influenza and the total number of tests that were positive. Reporting influenza testing is voluntary. The numbers displayed below represent the totals reported by participating healthcare facilities. Table I. displays the number of individuals tested for influenza and how many of those were positive for week 48. Table II. Shows the cumulative totals for the prior weeks and breaks down the current week. Figure I. below displays the number of positive influenza cases for the current 2015-2016 flu season by MMWR week.

Table I. Overview of Individuals Tested for Week 48

Influenza Like Illness	Total Individuals Tested	Total Positive	Percent Positive
277	277	16	5.78%

Table II. Influenza Test Results; Number and Percent by Testing Method		
	Season to Date	Current Week
Total Tests Performed	2082	277
Total Positive Tests	68 (3.27%)	16 (5.78%)
Positive Rapid Type A	13 (19.12%)	4 (25.00%)
Positive Rapid Type B	43 (63.24%)	12 (75.00%)
Positive Rapid Type A and B	12 (17.65%)	0 (0.00%)
Positive Rapid Undifferentiated	0 (0.00%)	0 (0.00%)
Positive PCR/Culture Type A	0 (0.00%)	0 (0.00%)
Positive PCR/Culture Type B	0 (0.00%)	0 (0.00%)

Figure I. Number of Positive Influenza Cases for Collin County by MMWR Week 48



Independent School Districts Influenza Activity

Independent School Districts in Collin County that submitted the absenteeism surveillance for week 48 reported an absenteeism rate of 16.93% of which 2.42% was due to influenza-like illness.

Additional Sources

For more information of influenza and influenza surveillance please visits these helpful sites:

Texas Influenza Information: <http://www.dshs.state.tx.us/idcu/disease/influenza/>

Centers for Disease Control and Prevention: <http://www.cdc.gov/flu/>

U.S. Department of Health and Human Services: <http://www.flu.gov/#>

If you have any questions or comments regarding influenza reporting or about this report, please contact:

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Collin County receives influenza activity reports from healthcare providers and schools. Influenza reporting is optional for these facilities. If you are a healthcare provider or school and would like to report influenza activity at your facility please visit our website for reporting forms at http://www.co.collin.tx.us/healthcare_services/influenza.jsp

Information in this report was obtained from:

Centers for Disease Control and Prevention. (11 December, 2015). Weekly U.S. Influenza Surveillance Report Fluview 2015-2016 Influenza Season Week 48 ending November 28, 2015.

Retrieved from: <http://www.cdc.gov/flu/weekly/>

Texas Department of State Health Services. (11 December, 2015). 2015 - 2016 Texas Influenza Surveillance Activity

Retrieved from: <http://www.dshs.state.tx.us/idcu/disease/influenza/surveillance/2016/>